

What is claimed is:

1. A wireless base station that constructs a wireless communication network using a system  
5 identification code, comprising:  
recognizing means for recognizing a system identification code used by another wireless base station; and  
setting means for setting a system identification  
10 code used by the wireless base station, based on the system identification code recognized by said recognizing means.
2. A wireless base station according to claim 1, further comprising:  
15 first receiving means for receiving a notification signal including a system identification code from the other wireless base station; and  
wherein said recognizing means recognizes the system identification code used by the other wireless  
20 base station based on the notification signal received by said first receiving means.
3. A wireless base station according to claim 1, further comprising:  
second receiving means for receiving a signal from  
25 a communication apparatus whose communication is controlled by the other wireless base station; and  
wherein said recognizing means recognizes the

system identification code used by the other wireless base station based on the signal received by said second receiving means.

4. A wireless base station according to claim 3,  
5 wherein said second receiving means receives a response signal responsive to a request from the wireless base station.

5. A wireless base station according to claim 1,  
wherein said setting means sets a system identification  
10 code different to the system identification code recognized by said recognizing means.

6. A wireless base station according to claim 1,  
further comprising:

generating means for generating the system  
15 identification code; and

wherein said setting means sets the system identification code generated by said generating means based on the system identification code recognized by said recognizing means.

20 7. A wireless base station according to claim 6,  
wherein said generating means generates a system identification code different to the system identification code previously generated, based on the system identification code recognized by said  
25 recognizing means.

8. A wireless base station according to claim 6,  
wherein said generating means automatically generates

the system identification code.

9. A wireless base station according to claim 6, wherein said generating means generates the system identification code based on an operation by a user.

5 10. A wireless base station according to claim 1, wherein said recognizing means recognizes the system identification code used by a plurality of channels.

11. A wireless base station according to claim 1, wherein the system identification code is a Service Set  
10 Identifier for use in a wireless LAN communication according to IEEE 802.11 Standard.

12. A wireless base station according to claim 1, wherein said wireless base station is a access point for performing a wireless LAN communication according  
15 to IEEE 802.11 Standard.

13. A control method for a wireless base station that constructs a wireless communication network using a system identification code, comprising:

a recognizing step of receiving a system  
20 identification code used by another wireless base station; and

a setting step of setting a system identification code used by the wireless base station, based on the system identification code recognized in said  
25 recognizing step.

14. A program for causing a computer to control a wireless base station that constructs a wireless

communication network using a system identification code, comprising:

a recognizing module for recognizing a system identification code used by another wireless base station; and

a setting module for setting a system identification code used by said wireless base station, based on the system identification code recognized by said recognizing module.